Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 10 Jan 2021 until 23:59 on Monday 11 Jan 2021

Forecast Issued on Sunday 10 Jan 2021 at 03:50

Confidence: High confidence in general weather patterns until Tuesday then there is a lot of uncertainty in the forecast. Also uncertainty in precipitation type over the next couple of days.

Headline for Sunday 10 Jan 2021: A dull day with a lot of low cloud, a few outbreaks of light rain and drizzle at times.

Mountain weather hazards on Sunday 10 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability					
20%	20%	40%	60%	60%	60%

Forecast for Sunday 10 Jan 2021

Weather: A dull start to the day with lots of low cloud and some outbreaks of drizzle or light rain. Very little in the way of brightness and feeling very damp and cold. Cloud lifting a little later in the afternoon.

Chance of cloud free mountain/hill tops above 600m: 10% or less, widespread fog, mist and cloud and outbreaks of drizzle, perhaps more brightness around the hills in the east in the afternoon.

Visibility: Overcast low cloud with bases around 2-300m during the morning will make navigation on the hills quite tricky. Cloud bases lifting in the north to 5-600m but generally quite a claggy day. Visibility will become very poor in outbreaks of rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Sunday 10 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	15/21 SW	15/20 SW	18/25 W	20/28 W	24/34 W	26/36 W
300	8/11 SW	8/13 SW	10/15 SW	13/19 W	14/22 SW	16/25 SW	17/27 SW
Valley	2/9 S	3/11 SW	5/13 SW	9/19 W	9/21 W	10/24 SW	12/26 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-6	1/-4	1/-4	2/-4	2/-4	1/-5	1/-6
300	1/-3	2/-1	3/-1	4/-0	4/-1	3/-2	3/-2
Valley	1/-1	2/0	3/1	4/1	4/1	4/0	4/-0
Freezing Level*	500m	1000m	1100m	1000m	1000m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A dull and overcast winters day and it will feel very cold in the moderate westerly winds. Freezing level lifts to 1000m initiating a slight thaw of lower snow and a general softening of any snow.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 10 Jan 2021	0.4mm	0.4mm	0.6mm

Forecast for Monday 11 Jan 2021

Weather: Extensive cloud and frontal rain will push across the area from the northwest. Freezing level remains above the summits so it will mainly be outbreaks of rain, becoming drier later. Southwesterly gales throughout the day.

Maximum wind: Southwesterly winds 30-35mph gusts 40-45

Chance of cloud free mountain/hill tops above 600m: 20%, lots of low cloud and frontal rain will make views very unlikely.

Visibility: Extensive low cloud with cloud base quite low perhaps around 3-500m, visibility also very poor in rain and sleet, careful navigation will be required.

Temperature: **Valleys:** Plus 6 Celsius.
At 600m: Plus 3 Celsius.
Freezing level: Above the summits

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